



Attorney Docket No.: 40296-0036

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Hee Bok KANG

Confirmation No.: 6550

Serial No.: 10/629,673

Art Unit: 2824

Filed: 30 July 2003

Examiner: Nguyen, V.

For: INTERLEAVE CONTROL DEVICE USING NONVOLATILE FERROELECTRIC
MEMORY

U.S. Patent and Trademark Office
Customer Window, Mail Stop AF
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56 AND 37 C.F.R. § 1.97**

Sir:

Submitted herewith on Form PTO/SB/08A is a listing of documents known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 C.F.R. § 1.56 and § 1.97. A copy of the listed document is being submitted to comply with the provisions of 37 C.F.R. §§ 1.97-1.99.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

The required filing fee of \$180.00 under C.F.R. § 1.17(p) is attached.

07/14/2005 SZEWDIE1 00000040 10629673

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Applicant respectfully requests that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. § 609.

Respectfully submitted,

Date: 13 July 2005

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By Scott J. Anchell

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Substitute for form 1449A/PTO

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

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Application Number

Complete if Known

10/629.673

Filing Date

July 30, 2003

First Named Inventor

Hee Bok KANG

Group Art Unit

2824

Examiner Name

Van Thu T. Nguyen

Attorney Docket Number

40296-0036

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Code of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

COMBINED FEE TRANSMITTAL for FY 2005

Effective 12/08/2004. Patent fees are subject to annual revision.

PTO/SB/17 (12/04) (Revised) (For payment of 37 CFR 1.17 fees including (f), (g), (h), & (i))

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number 10/629,673
Filing Date 30 July 2003
First Named Inventor Hee Bok KANG
Examiner Name Nguyen, V.
Art Unit 2824
Attorney Docket No. 40296-0036

METHOD OF PAYMENT (check one)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☐ Deposit Account

Deposit Account Number: 08-1641

Deposit Account Name: Heller Ehrman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below
☒ Credit any overpayments and charge any deficiencies
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the deposit account

FEE CALCULATION (continued)

4. PETITION FEES UNDER 37 CFR 1.17 (f)	Fee Paid
Fee Code: 1462 Fee \$ 400 For petitions filed under: \$ 1.53(e); \$ 1.57(a); \$ 1.182; \$ 1.183; \$ 1.378(e); \$ 1.741(b)	
5. PETITION FEES UNDER 37 CFR 1.17 (g)	Fee Paid
Fee Code: 1463 Fee \$ 200 For petitions filed under: \$ 1.12; \$ 1.14; \$ 1.47; \$ 1.59; \$ 1.103(a); \$ 1.136(b); \$ 1.295; \$ 1.296; \$ 1.377; \$ 1.550(c); \$ 1.956; \$ 5.12; \$ 5.15; \$ 5.25	
6. PETITION FEES UNDER 37 CFR 1.17 (h)	Fee Paid
Fee Code: 1464 Fee \$ 130 For petitions filed under: \$ 1.19(g); \$ 1.84; \$ 1.91; \$ 1.102(d); \$ 1.138(c); \$ 1.313; \$ 1.314	
7. PROCESSING FEES UNDER 37 CFR 1.17 (i)	Fee Paid
Fee Code: 1808 (1803 for \$ 1.221) Fee \$ 130 For petitions filed under: \$ 1.28(c)(3); \$ 1.41; \$ 1.48; \$ 1.52(d); \$ 1.53(b)(3); \$ 1.55; \$ 1.99(e); \$ 1.103(b); \$ 1.103(c); \$ 1.103(d); \$ 1.217; \$ 1.221; \$ 1.291(c)(5); \$ 1.497(d); \$ 3.81	

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

	FILING FEES		SEARCH FEES		EXAMINATION FEES		
Applicati on Type	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	135	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
SUBTOTAL (1)							

2. EXTRA CLAIM FEES

Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
50	25	Each claim in excess of 20 or, for Reissues, each claim in excess of 20 and more than in the original patent
200	100	Each Independent claim in excess of 3 or, for Reissues, each independent claim more than in the original patent
360	180	Multiple dependent claim, if not already paid

Total Claims	Extra Claims	Fee from above	Fee Paid
	-20** =	50	
Independent Claims	-3** =	200	

**or number previously paid, if greater; For Reissues see below

Multiple Dependent 360 =

SUBTOTAL (2) \$

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof (round up to the whole number). See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)

Total Sheets	Extra Sheets	Number of each additional 50	Fee (\$)	Small Entity Fee (\$)
-100 =	/50 =	50	x 250 OR x 125	
SUBTOTAL (3) \$				

8. OTHER FEES

Entity Fee (\$)	Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for <i>ex parte</i> reexamination	
920*	920*	Requesting publication of SIR prior to Examiner action	
1,840*	1,840*	Requesting publication of SIR after Examiner action	
120	60	Extension for reply within first month	
450	225	Extension for reply within second month	
1,020	510	Extension for reply within third month	
1,590	795	Extension for reply within fourth month	
2,160	1,080	Extension for reply within fifth month	
500	250	Filing a brief in support of an appeal	
790	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1,510	1,510	Petition to institute a public use proceeding	
500	250	Petition to revive - unavoidably abandoned application	
1,500	750	Petition to revive - unintentionally abandoned application	
50	50	Processing fee for provisional apps (37 CFR 1.17(q))	
180	180	Submission of Information Disclosure Statement	180
1,000	500	Request for oral hearing	
790	395	For each additional invention to be examined (37 CFR 1.129(b))	
790	395	Request for Continued Examination (RCE)	
900	900	Request for expedited examination of a design application	
Other fee (specify)			

SUBTOTAL (4+5+6+7+8) \$ 180

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type) Scott J. Anchell Registration No. 35,035 Telephone 202-912-2000
Signature *Scott J. Anchell* Date 13 July 2005 Customer No. 26633

Complete (if applicable)